

### **Abstract**

A data transmission cable for connection to mobile devices, which has at least two insulated conductors (1, 2) twisted together into a pair. The pair is enclosed by an electric shield (7) over which a jacket (13) made of an insulating material is applied. To preserve the function of the cable even if it is subject to frequently alternating bending and torsional stresses, the two conductors (1, 2) insulated with a solid unfoamed material are twisted together with two first strands (4, 5) made of a foamed insulating material to form a core (S). The core (S) is enclosed by a foil (6) made of a foamed insulating material, and the shield (7) formed around the first foil (6) has at least one metal strip that is made of an electrically well-conducting material and is formed into a closed tubular sleeve.